L 36985-65 EWG(J)/EWT(m)/EPF(c)/EPR/EWP(t)/ENP(b) Pr-4/Ps-4

IJP(c) JD/JG
ACCESSION NR: AP5007755 S/0192/65/006/001/0058/0065

AUTHOR: Batsanov, S. S.; Kustova, G. N.; Ruchkin, Ye. D.; Grigor'yeva, V S.

TITLE: Optical properties of rare earth metal oxides. 2. A polythermic study of peodymium oxide

SOURCE: Zhurnal strukturnoy khimii, v. 6, no. 1, 1965, 58-65

TOPIC TAGS: rare earth oxide, oxide optical property, neodymium oxide, polymorphic transformation, neodymium nitrate, neodymium oxalate, neodymium sulfate, neodymium coordination number, neodymium oxide structure

ABSTRACT: The authors report the results of X-ray, refractometric and spectroscopic studies of Nd2O3 obtained by roasting neodymium nitrate, oxalate and sulfate at 600-1300C in air. The nitrate proved least and the sulfate most resistant to heat. It was shown that a sufficiently pure oxide is only obtained at 1100C. Upon dissociation of the Nd sulfate, the oxysulfate was obtained (Nd2O2SO4) between 800 and 1000C. This was also studied. Polymorphic C $\rightarrow$  A transformation was detected for the oxalate at 700-800C, for the nitrate at 800-900C. No such transformation was seen for the sulfate where the A-form

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L 36985-65 ACCESSION NR: AP5007755

appeared at 1100C. Under the experimental conditions, no B-form was detected. Refractometric studies showed irregular changes in density with increasing temperature; however, a decrease in density was noted for all specimens at 1200C. The maximal density between 1000 and 1100C may be related to the existence of the B-modification. The structures of the A and C form were shown to differ by the coordination numbers of the metal atom, 7 for A and 6 for C-Nd<sub>2</sub>O<sub>3</sub>. In spectroscopic determinations on the nitrate, the Nd-O band started at 400, corresponding to the formation of the exynitrate, and persisted to 900C. Similar results were obtained for the exalate. For the sulfate, the Nd-O bend appeared only around 900C, together with that of SO<sub>2</sub><sup>2</sup> corresponding to the existence of the exysulfate rather than a mixture of the sulfate and exide. The exysulfate disappeared completely at 1100C. The 2 maxima obtained for the Nd-O bend in the sulfate suggest that isolation of SO<sub>3</sub> at this temperature might also yield the C-form for the sulfate. In the process of thermal dissociation of the salts, the absorption intensity v(Nd-O) was observed to increase at the beginning, due to increase in Nd<sub>2</sub>O<sub>3</sub> concentration in the specimen, and then drop due to a decrease in the number of defects in the structure. Orig. art. has: 3 figures and 5 tables.

Card 2/3

L 36985-65 ACCESSION NE	R: AP5007755		2		
ASSOCIATION: Institut neorganicheskoy khimii SO AN SSSR, Novosibirsk (Institute of Inorganic Chemistry, SO AN. SSSR)					
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L 40108-56 EWP(r)/ENT(m)/T/EWP(t)/ETI IJP(c) WH/WW/JD/JG						
SOURCE CODE: UR/0031/65/ccc/co3/2644/2044						
AUTHOR: Baranov, B. V.; Grigor'yeva, V. S.; Kradinova, L. V.; Prochukhan, V. D.						
TITLE: Ternary chalcogenides of type AIIB2IIIC, IV						
SOURCE: Ref zh. Khim, Part I, Abs. 3B321						
REF SOURCE: Sb. Fizika. Dokl. k XXIII Nauchn. konferentsii Leningr. inzhstroit.						
TOPIC TAGS: zine compound, gallium compound, cadmium compound, indium compound, sul-						
ARSTRACT: The possibility of obtaining crystals of ternary chalcogenides of type AIIB2IIIC4VI (I) having a definite size and habit was investigated. Nethods of gas transport reactions and recrystallization from solutions were employed. Coarse crystals of ZnGa2S4 and CdIn2S4 were obtained. The influence of group VI elements on the Transport and shape of the crystals was determined; it was found that the addition of that I can be recrystallized from salt melts/containing the same component B.  S. Rykova. [Translation of abstract]						
SUB CODE: 07						
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I 01050-57 EWT(1)/FWT(m)/T/EWP(t)/ETI IJP(c) ACC NR AP6030061 SOURCE CODE: UR/0181/66/008/009/2623/2627

AUTHOR: Belle, M. L.; Alferov, Zh. I.; Grigor'yeva, V. S.; Kradinova, L. Prochukhan, V. D.

ORG: Physicotechnical Institute im. A. F. Ioffe AN SSSR, Leningrad (Fizikotekhnicheskoy institut AN SSSR)

TITLE: Optical reflection of gallium phosphide and gallium arsenide and their solid solutions A

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2623-2627

TOPIC TAGS: gallium arsenide, gallium, optical reflection, gallium phosphide, doublet structure, ultraviolet region structure, spin orbital, splitting

ABSTRACT: An analysis is made of the optical reflection of GaP, GaAs, and their solid solutions in the 2.0-5.0 ev region at 100 and 290K. A doublet structure was detected in the ultraviolet region of the spectrum, which shifts linearly with changes in composition. Satisfactory agreement in the distance between double components and corresponding values, determined from infrared absorption, make it possible to ascribe this doublet to the spin-orbital splitting of the & valency band at the

Card 1/2

L 01050-67 ACC NR: AP6030961 point, the corresponding transition in this case being  $\Gamma_{15} \rightarrow \Gamma_{15} \left( \mathcal{E}_{0}^{*} \right)$ transition from the upper valency band to the second conductivity band. For GaAs we then have  $E_0=4.46$  ev,  $\Delta_0=0.32$  ev, and for GaP,  $E_0=4.68$ ev (T = 290K). The shift in the doublet  $\Lambda_3 \rightarrow \Lambda_1$ ev.  $\Delta_0 = 0.125$ occurs linearly with a break. The doublet structure, which becomes less distinct as the content of GaP increases, is observed as far as the composition GaP<sub>0.7</sub>As<sub>0.3</sub>. Apparently, corresponding transitions occur at various points of the Abranch for GaP and GaAs (direction [111] in the Brillouin zone). The author thanks Ye. F. Gross for his interest in this work. Orig. art. has: 1 table, and 3 figures. [Authors' abstract] SUB CODE: 20/ SUBM DATE: 17Jan66/ ORIG REF: 001/OTH REF: 009/ awm Cord 2/2

L 08354-67 EWT(m)/EWP(w)/EWP(t)/ETI IJP(c) ACC NRI AR6028126 UR/0058/66/000/005/A069/A069 SOURCE CODE: AUTHOR: Goryunova, N. A.; Baranov, B. V.; Grigor'yeva, V. S.; Kradinova, L. V.; Kryukova, I. V.; Prochukhan, V. D. TITLE: Production and investigation of GaP-GaAs and GaAs-InAs solid solutions ~) SOURCE: Ref. zh. Fizika, Abs. 5A557 REF. SOURCE: Sb. Simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. meterialov, 1965. Tezisy dokl. Novosibirsk, 1965, 7-8 TOPIC TAGS: solid solution, gallium compound, indium compound, single crystal growing crystal impurity ABSTRACT: The rossibility is investigated of obtaining single crystals of homogeneous solid solutions in a wide range of concentrations. The crystals were grown by the gas-transport m thod in a closed volume. The authors elucidate the influence of such factors as the cone temperature, the temperature difference between zones, and the chemical nature of the carrier, and its concentration on the evolution of the gastransport react ons and on the habit and dimension of the crystals are clarified. Optimal conditions are established for obtaining single crystals of the required habit. Questions invol ed in the doping of crystals during gas-transport reactions are studied. A. Po otikov. [Translation of Abstract] SUB CODE: 20 Card 1/1 nst

CIA-RDP86-00513R00051681

ACC NR: AR6030494

SOURCE CODE: UR/0275/66/COO/006/B014/B014

AUTHOR: Goryunova, N. A.; Baranov, B. V.; Grigor'yova, V. S.; Kradinova, L. V.; Kryukova, I. V.; Prochukhan, V. D.

TITLE: Production and investigation of GaP--GaAs and GaAs--InAs solid solutions

SOURCE: Rof. zh. Eloktronika i yeye primeneniye, Abs. 6893

REF SOURCE: Sb. Simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. materialov, 1965. Tezisy dokl. Novosibirsk, 1965, 7-8

TOPIC TAGS: single crystal growing, semiconductor crystal, solid solution

ABSTRACT: Single crystals from solid solutions of GaP--GaAs and GaAs--InAs systems were grown by the method of gas-transport reactions in a closed space. Effects of vaporization-zone temperature, crystallizer temperature, temperature difference between the cold and hot zones, geometric factors, and chemical nature were investigated. Also the problems of crystal doping in gas-transport reactions were clarified. GaP--GaAs and GaAs--InAs single crystals were produced in a wide concentration range. Optimal conditions for producing single crystals of desirable habitus were found. A possibility of doping single crystals in the gas-transport reaction was found. Some electric properties of single crystals were measured. N. G. and others. [Translation of abstract]

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UDC: 621.315.592.4:541.412

#### CIA-RDP86-00513R00051681

SOURCE CODE: UN/01/01/67/009/001/0279/0202 AP/005358 ALAHOS: Alferov, Zh. I.; Garbuzov, D. Z.; Grigor'yeva, V. S.; Zhilyayev, Yu. Y.; Kradinova, L. V.; Korol'kov, V. I.; Morozov, Ye. P.; Ninua, O. A.; Portney, Ye. L.;

Prochukinan, V. D.; Trukan, M. K.

ONG: Physicotechnical Institute im. A. F. Ioffe, AN SSSR, Leningrad (Fizikotekimicheskiy institut AN SSSR)

TITLE: Injection luminescence of epitaxial heterojunctions in the GaP-GaAs system

SOURCE: Fizika tverdogo tela, v. 9, no. 1, 1967, 279-282

TOPIC TAGS: epitaxial growing, junction diode, gallium arsenide, gallium phosphide, photoluminescence, luminescence spectrum, PN JUNICTION

ABSTRACT: The authors use the results of an earlier investigation (FTT v. 8, 3236, 1966) of the effect of heat treatment on the photoluminescence of gallium arsenide to study the luminescence and photoluminescence spectra of n-GaAso. 85Po. 15 - D-GaAs and n-GaP - p-GaAs epitaxial heterojunctions grown on substrates of gallium arsenide doped with cadmium. The measurements were made at 77K. The absolute emission intensity in the epitaxial junctions was not less than that from diodes obtained by diffusion of Zn in GaAs. The absolute intensity of the edge emission in the n-GaP - p-GaAs junctions was approximately one order of magnitude lower than in good GaAs diffusion diodes at the same currents, but there was no decrease in the case of the n-Gaiso.8570.15 - p-GaAs junctions. This indicates that epitaxial junctions of the

Card 1/2

CIA-RDP86-00513R00051681

ACC NR: APT005358

GaP - GaAs system can be so constructed as to afford highly effective unilateral injection and can thus be used for effective emitters. Triple structures n-GaAso.asPo.15 - p-GaAs - p<sup>+</sup>-GaAso.asPo.15 exhibited radiation at much higher current densities than for diffusion GaAs diodes, and a sharp increase in the intensity and a narrowing down of the spectral band of the edge emission was observed with further increase of the current through the structure, probably as a result of population inversion resulting from the injection of electrons and holes from the broad-band emitters and a transition to the stimulated emission mode. No such for continuous interest, Ye. A. Gamilko, A. N. Yermakova, T. A. Potiforova, T. N. Levitskaya, T. Mkheidze, and G. I. Mirianashvili for help with the preparation of the samples and with the measurements. Orig. art. has: 3 figures. [02]

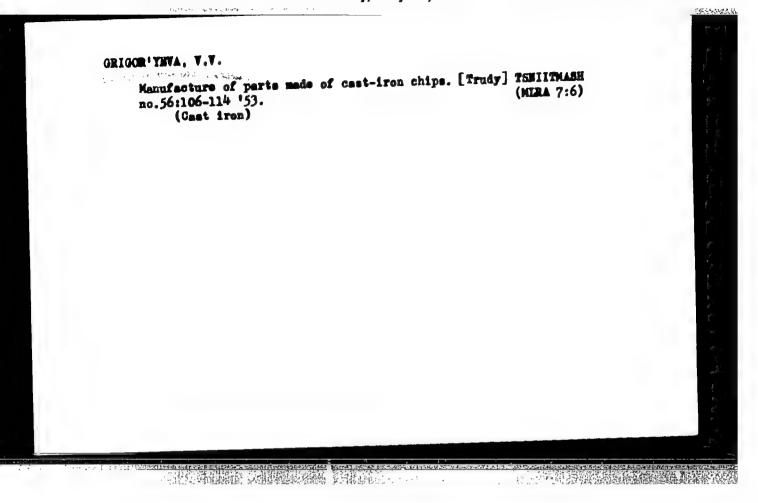
SUB CODE: 20/ SUBM DATE: 15Jul66/ ORIG REF: 004/ OTH REF: 001

Card 2/2

GRIGOR'YEVA, V.V.; ZHOLDAKOV, A.A.

Determination of the composition of complexes by the data of the metal indicator method. Ukr. khim. zhur. 30 no.1:95-102 '64. (MIRA 17:6)

1. Kiyevskiy gosudarstvennyy universitet imeni Shevchenko.

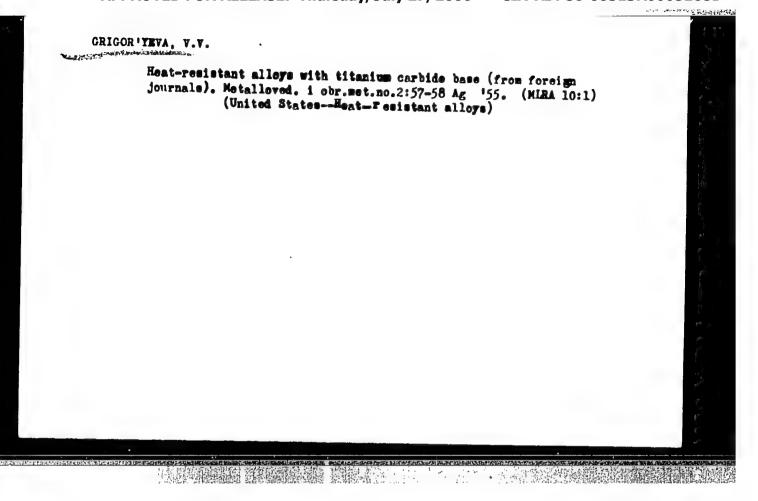


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Oxidation prevention in sintering. Vop.por.met. 1 prochn.mat.
no.1:48-56 '54.
(Powder metallurgy)

Oxidation prevention in sintering. Vop.por.met. 1 prochn.mat.
(NIRA 7:12)

CIA-RDP86-00513R00051681



CIA-RDP86-00513R00051681

Grigor'yeva, V. V.

"The complex compounds of trioxy glutaric acid with certain metals."

Min Higher Education Ukrainian SSR. Kiev State U irent.T. G.

Shevchenko. Kiev, 1956 (Discertation for the degree of Candidate in Chemical Sciences)

Knizhnava letonis!

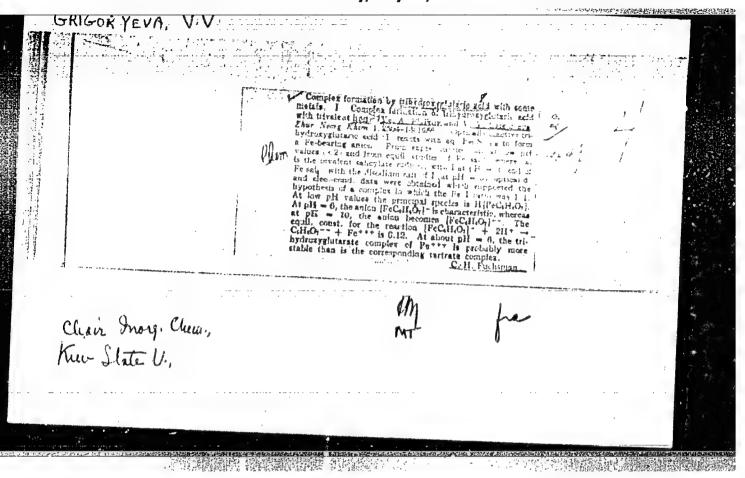
No. 25, 1956. Poscow

GRIGOR'YEVA, V.V.

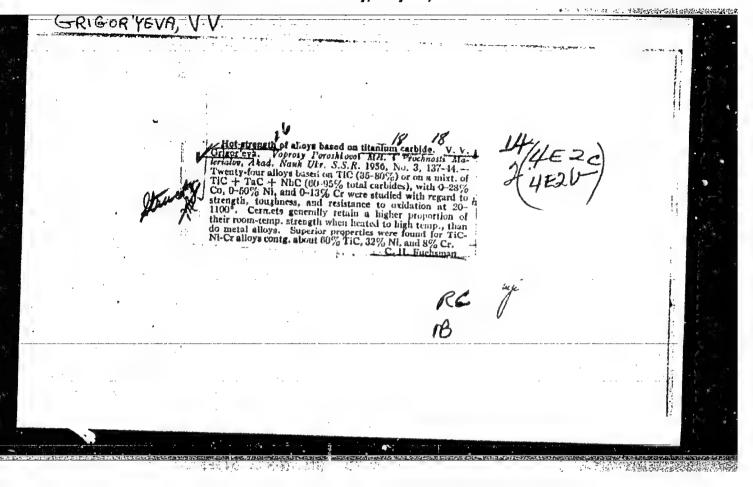
"Heat Resistant Alloys Based on Titanium Carbide". The five bibliographical entries listed for this article are all US., from the monograph Questions on Power Metallurgy and the Strength of Materials, No III, Institute of Metalloceramics and Special Alloys, Academy of Sciences Ukrainian SSR, Kiev, 1956, 145 pages

Sum. 1287

**《西京相談話》,如此歌歌歌語 包括**代表等



CIA-RDP86-00513R00051681



CIA-RDP86-00513R00051681

FRIER PERM, VV

AUTHOR:

Fialkov, Ya. A. and Grigor'eva, V.V.

562

TITLE:

Complex Compounds of Trihydroxyglutaric Acid with Some Metals. II. Complex Compounds of Trihydroxyglutaric Acid with Divalent Copper. (Kompleksnye Soedineniya Trioksiglutarovoy Kisloty s Nekotorymi Metallami. II. Kompleksnye Soedineniya Trioksiglutarovoy Kisloty s Dvukhvalentnoy Med'yu.)

PERIODICAL:

"Zhurnal Neorganicheskoy Khimii" (Journal of Inorganic Chemistry, Vol. II, No. 2, pp. 287-297. (U.S.S.R.) - 1957

ABSTRACT:

Indications are available that complex formation takes place between ions of divalent copper and trihydroxyglutaric acid in solution. This system, Cu2+ - C<sub>2</sub>H<sub>2</sub>O<sub>7</sub>, has been studied in detail by the physico-chemical analysis method, by preparative and by physical-chemical methods. It has been established that the composition of compounds formed by the reaction of copper sulphate and trihydroxyglutaric acid in solution depends on the pH. On the basis of physico-chemical analysis data, the study of ion-transfer in electrolysis and the determination of the quantity of gram-ions of hydrogen evolved in the reaction of the components, the formula of the compound formed at pH=5 is considered to be Na [Cu25H<sub>3</sub>O<sub>7</sub>]. Two complex salts of trihydroxy glutaric acid: Na<sub>2</sub> [CuC5H<sub>4</sub>O<sub>7</sub>] and Na [Cu25H<sub>5</sub>O<sub>7</sub>] have been isolated and studied. For the reaction Cu25H<sub>4</sub>O<sub>7</sub> + 2H = C5H<sub>6</sub>O<sub>7</sub> +Cu<sup>2+</sup>

Card 1/2

Complex Compounds of Trihydroxyglutaric Acid with Some Metals. II. Complex Compounds of Trihydroxyglutaric Acid with Divalent Copper (Cont.)

the equilibrium constant was found to be 5.5x 10<sup>8</sup>. In acid solution complex formation takes place mainly on account of the replacement by the metal of carboxylic-group hydrogens; in weakly acid and neutral solutions the metal ions replace both carboxylic and hydroxyl group hydrogens; in alkali solutions only hydroxylic hydrogens can be replaced by the metal. From values of the equilibrium constants it appears that the complex compounds of copper with trihydroxyglutaric acid are more stable than those with tartaric acid.

There are six references of which five are Russian.

There are 6 tables and 6 figures.

Kiev State University. Inorganic Chemistry Section.

Received 24 Oct., 1956.

Card 2/2

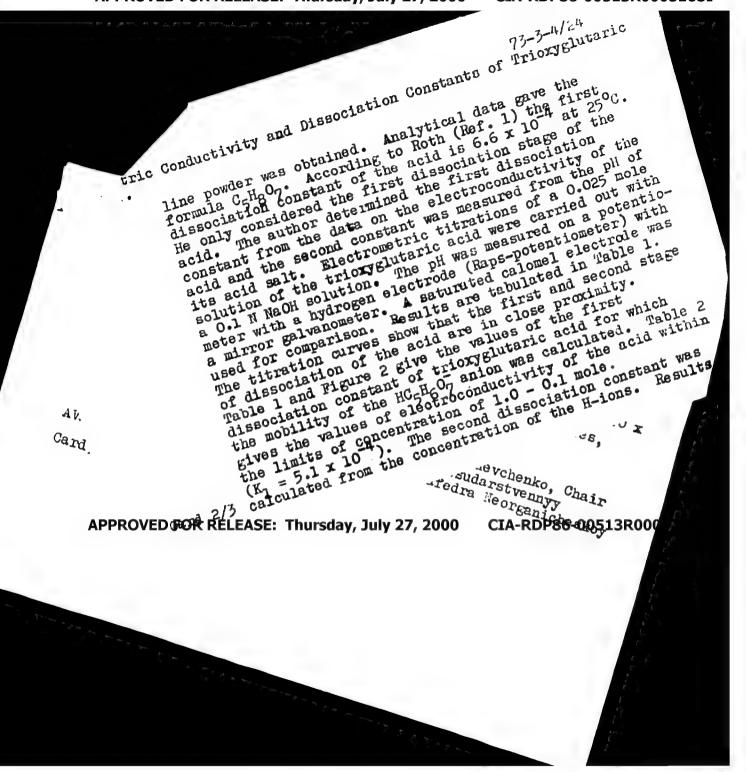
ER. SCR'YOUN, V.V.

Complex compounds of trioxyglutaric acid with certain metals.

Part 3: Complex compounds of trioxyglutaric acid with cobalt and nickel. Thur.neorg.khim. 2 no.7:1505-1510 J1 157. (MIRA 10:11)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko. (Cobalt compound) (Glutaric acid) (Mickel compound)

ARSIRACI: and preparation and investigated and and retrod with a rated of systimatic subject acid mere going m



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Electric Conductivity and Dissociation Constant of Trioxyglutaric Acid.

at  $25^{\circ}$ C are given in Table 3.  $K_2$  was found to equal 3.0 x  $10^{-5}$ . There are 3 tables, 2 figures and 8 references, 3 of which are Slavic.

SUBMITTED: October, 5, 1956.

ASSOCIATION: Kiev State University imeni T. G. Shevchenko, Chair of Inorganic Chemistry. (Kievskiy Gosudarstvennyy Universitet im. T. G. Shevchenko, Kafedra Neorganicheskoy Khimii)

AVAILABLE: Library of Congress.

Card 3/3

SOV/137-58-10-20814

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 66 (USSR)

AUTHORS: Grigor'yeva, V.V., Klimenko, V.N., Kosolapova, T.Ya.

TITLE: Chromium Carbide as the Basis for Special-purpose Metal

Ceramics (Karbid khroma kak osnova dlya metallokerami-

cheskikh materialov s osobymi svoystvami)

PERIODICAL: V sb.: Vopr. poroshk. metallurgii i prochnosti materialov.

Nr 5. Kiyev, AN UkrSSR, 1958, pp 80-89

ABSTRACT: A presentation is made of the results of an investigation of

the optimum conditions for the preparation of  $Cr_3C_2$ . It is established that use of a 1% excess of carbon black (stoichiometric composition 13.33% C) in the charge, and holding in an  $H_2$  atmosphere at  $1600^{\rm o}C$  for 2 hours in a resistance furnace with a carbon tube makes it possible to produce  $Cr_3C_2$  containing < 3% of the lower carbides ( $Cr_7C_3$  and  $Cr_{23}C_6$ ). Boiling

for 3 hours in dilute HC1 (1:1) was used to separate the  $Cr_3C_2$  from the lower carbides, in which case the  $Cr_3C_2$  remained in

the precipitate. The microhardness of the resultant Cr<sub>3</sub>C<sub>2</sub> was Card 1/2 2660-2680 kg/mm<sup>2</sup>, which is in good agreement with literature

SOV/137-58-10-20814

Chromium Carbide as the Basis for Special-purpose Metal Ceramics

data. The compound  $Cr_3C_2+(5-20\%)$  Ni, sintered at >1100°, revealed high mechanical properties:  $\sigma_{bi}$  to 55 kg/mm² at room temperature,  $\sigma_{bi}$  up to 70 kg/mm² at 950°,  $R_A$  84-89.5. Resistance to oxidation at 950° on the part of materials based on Cr3C2 is higher than that of stainless steel. Alloys based on  $Gr_3G_2$  may be utilized wherever hard, corrosion-resistant materials are required. R.A.

- 1. Chromium carbide---Preparation 2. Chromium carbide---Separation
- 3. Chromium carbide---Properties 4. Ceramics---Materials

Card 2/2

SOV/137-58-10-20807

**注:"我们就是一个人的,我们就是一个人的。"** 

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 65 (USSR)

AUTHORS: Grigor'yeva, V.V., Tuchak, S.S.

TITLE: Ground Titanium Carbide (Razmol karbida titana)

PERIODICAL: V sb.: Vopr. poroshk. metallurgii i prochnosti materialov. Nr 5, Kiyev, AN UkrSSR, 1958, pp 117-119

An investigation was made of the grinding of TiC powder of ABSTRACT: the following granulometric composition, in weight %:  $>10\,\mu$  14.0; 10-5  $\mu$  34.3; 5-3  $\mu$  29.7;  $<3\,\mu$  22.0. The experiments were run in a ball mill lined with VK-8 alloy, the balls (33% of 25-mm diam and 67% of 20-mm diam) being of the same alloy. The ball loading was 2:1. After grinding for 25, 50, 75, and 100 hours in an alcohol or gasoline medium, particle size is determined by the sedimentation method due to Figurovskiy. The number of <3-micron particles attains its maximum after 50 hours of grinding, and this same period of time corresponds to the attainment of a minimum number of large particles. If grinding is continued for a longer period, it is found that the TiC particles become larger. Grinding in alcohol makes it possible to produce finer particles. Contamination of TiC with Card 1/2

Quita ...

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SOV/137-58-10-20807

Ground Titanium Carbide

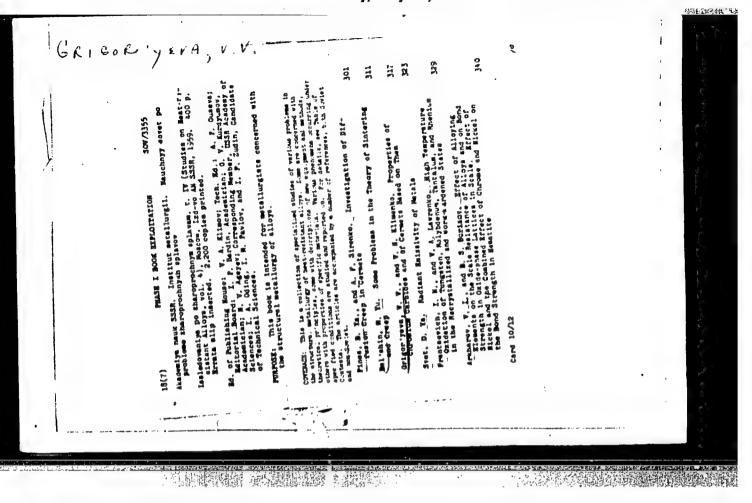
VK-8 alloy is very insignificant (after 100 hours of grinding the amount of WC in the TiC is <1% ).

R.A.

1. Titanium carbide powders---Preparation 2. Alcohols--Performance 3. Ball mills ---Performance

Card 2/2

CIA-RDP86-00513R00051681



APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681(

PISARENKO, G.S., otv.red.; FRANTSEVICH, I.N., red.; SAMSONOV, G.V., red.; GRIGOR'YEVA, V.V., red.; YAKOVLEV, A.P., red.; KISINA, I.V., red.izd-va; MATVEYCHUK, A.A., tekhn.red.

[Transactions of the Scientific and Technical Conference on Damping of Oscillations] Trudy Nauchno-tekhnicheskogo soveshchania podempfirovaniiu kolebanii. Kiev, Izd-vo Akad.nauk USSR, 178 p. 1760 (MIRA 13:12)

1. Mauchno-tekhnicheskoye soveshchaniye po dempfirovaniyu kolebaniy. 1958.

(Oscillations--Congresses) (Damping (Mechanics)--Congresses)

SAMSONOV, G.V., otv.red.; FRANTSEVICH, I.N., red.; GRIGOR'TEVA, V.V., red.; MDB'SHIKOV, A.Z., red.; KORSUNSKIY, M.I., red.; KISINA, I.V., red.isd-va; MATVETCRUK, A.A., tekhn.red.

[Proceedings of a Conference on Heatproof Materials] Trudy Seminora po sherostokim materialam. Kiev, Ind-vo Akad, neuk USSR. No.5. 1960. 63 p. (MIRA 13:10)

1. Seminor po sherostoykim materialam. Kiyev, 1958. (Refractory materials)

5 m. 60

8/136/60/000/01/013/021 2091/3255

12.6100 AUTHORS:

Grigor yeya, V. V. and Klimenko, V. H

TITLE:

Hard Chromium Carbide Alloys

Tsyctnyye metally, 1960, Nr 1, po 67-90 (USSR) PERTUDICAL.

ABSTRACT: Among the metal carbides, chromium carbide is distinguished by an exceptional resintance to exidation and by a small specific weight. Chromium forms three carbides which differ in their etructure and projecties. A few properties of chromaum cappides are shown in Table 1. At the

Institute of Fowder Metalluray and Special Alloys, Ac. Sc. War SSR, new bard alloys have been developed and used succernfully. They have chronium carbides as bases and nickel or mickel alloys as binacra (Refs 4 to 6). Chromium carbide hard alloys are manufactured from Grads and anydy made of a maxture of chromic oracle and farbon block, The mixture of quenched and thoroughly-mixed materials whichea out in grouphlometric retion is briquetted: the bringertes are picaed in a carron saw which is transferred to a furnace with an angular tube through which hydrogen ... passed. The case with the mixture is teared slowly to a given temperature, held there for 1.1/2 to 2 hours,

and then pushed into a refrigerator. To obtain UrgC;

Cord 1/3

CIA-RDP86-00513R00051681

8/196/40/000/01/01/01/00 8091/40/00

Hard Chromius Carbide Alloys

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the souking terperature should be 1600°C, and for the treduction of CryDe is should be 1400°C. The shromium carbice thus of wained is milled in a rall mall and preved. the abnorate carbide alloys are supplied as bricks, billets or finished actioles (Fig 1). The mixture of chromeum carbide powders and missel or a nickel alloy is compressed and see articles thus obtained are sintered at a high Surercour in a controlled asmosphere. The movel or nickel allow convent in between 5 and 40%, the rest ceing chromium corpids. The expecture of the obrowium carbid, allow consists of carbide stains surrounded by n nickel-chronous cities (Fig. !). Onrosaum corbine alloys possess (1) rest hardness at room testaration and elegabed temperatures (So no at coor temperature end of the Amar at the Co, tone but of (2) on excellent W 60/630 AT 11000, tone 210 51. to define to our case in our up to 11000, the co corroction resistance is coids, bused, and water, petrolous, convocion resistance is coids, bused, and water, petrolous, poducts on their schero adding (A) pod resistance to confive some one resistance and est evosion, also sent the second resistance and est evosion, also sent the second resistance and the resistance and resistance a

\$/136/60/000/01/013/021 \$091/6455

Empd Chromaum Carbide Alloys

The this alloy is twice as light as tungsten carbide hard alloys. The UTS of chromium carbide alloys in conding is 70 kg/mm²; at 1000°) it is 40 mg/m²; in communication a room temperature is in above by highway. The alloys are non-magnetic: their mean confident of line; are made in the temperature made at to do? Indicate to their search of steel, is (1) to 1/2 k 10° ma/as. The are and a succeivity of an alloy containing the metal in a case and cardiagral, and the learning conductivity of an alloy containing the medical are also and the alloys and the conjugation of solders are also succeived to specify and the learning for solders are also shown in this purpose are a conjugate and an alloys and here it as meables to help the amount of the meable of the alloys and a respective of the conjugate and are also and making to be allowed in the purpose and a conjugate and a specific and conjugate and are also and an alloys and are also as a second and an alloys are also as a second and are

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Card 5/5

GRIGOR'TEVA, V.V., YEREMENKO, V.H.

Structure and properties of materials on a silicon carbide base;
materials prepared by siliconizing graphite. Vop. por. met. 1
prochn. mat. no.8;38-48 '60. (MIRA 13;8)

(Silicon carbide)

(Powder metal processes)

Structure and properties of materials on a silicon carbide base; preparation and properties of materials not containing free carbon. For met. i prochn. mat. no.8:55-60 '60.

(Silicon carbide)

(Metal powder products)

Structure and properties of materials on a silicon carbide base; investigating changes of structure and phase constitution during heating and soaking at high temperatures. Yop. por. met. i prochn. mat. no.8:61-65 (60. (MIRA 13:8) (Silicon carbide) (Metal powder products—Testing)

CSRIGOR YEVA VV

PHASE I BOOK EXPLOITATION SOV/5915

Hryhor'yeva, Vera Vsevolodivna, and Vyktor Nykolayevych Klymenko

- Splavy na osnovi karbidu khromu (Chromium Carbide-Base Alloys) Kiyev, Vydavn. Akademiyi nauk Ukr. RSR, 1961. 54 p. 1500 copies printed.
- Sponsoring Agency: Akademiya nauk Ukrayins'koyi RSR. Instytut metalokeramiky i spetsial'nykh splaviv.
- Resp. Ed.: G. V. Samsonov, Doctor of Technical Sciences; Ed. of Publishing House: I. V. Kisina; Tech. Ed.: T. R. Liberman.
- PURPOSE: This booklet is intended for technical and scientific research personnel working in the machine-building and chemical industries.
- COVERAGE: The bookle't discusses the process of manufacturing the chromium carbide-base hard alloys and indicates the fields of their application. These alloys are also examined from the

Card 1/3

SOV/5915 Chromium Carbide-Base Alloys standpoint of their corrosion resistance in various media, oxidation resistance, abrasive wear resistance, and strength at room temperatures and elevated temperatures. Examples are given for the use of these alloys in wear-resistant parts, such as nozzles, tube-drawing dies, and forming dies. No personalities are mentioned. There are 54 references: 25 Soviet, 18 English, 7 German, 2 Czech, 1 French, and 1 Japanese. TABLE OF CONTENTS: 3 Introduction 4 Chromium Carbide Properties Technology of Manufacturing Chromium Carbide Alloys and 14 Alloy Parts 22 Properties of Chromium Carbide Alloys Card 2/3

Chromium Carbide-Base Alloys
Application of Chromium Carbide Alloys
Bibliography
54
AVAILABLE: Library of Congress (TN693.C55H7)
SUBJECT: Metals and Metallurgy

DV/wrc/jw
3/22/62

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000516810

。 1. 数据基本器数据数(1925)

GRIGOR YEVA V.V.

#### PHASE I BOOK EXPLOITATION SOV/6032

Yeremenko, V. M., Resp. Ed.; I. N. Frantsevich, G. V. Samsonov, I. M. Fedorchenko, G. S. Pisarenko, V. V. Grigor'yeva, and V. I. Nizhenko, eds.

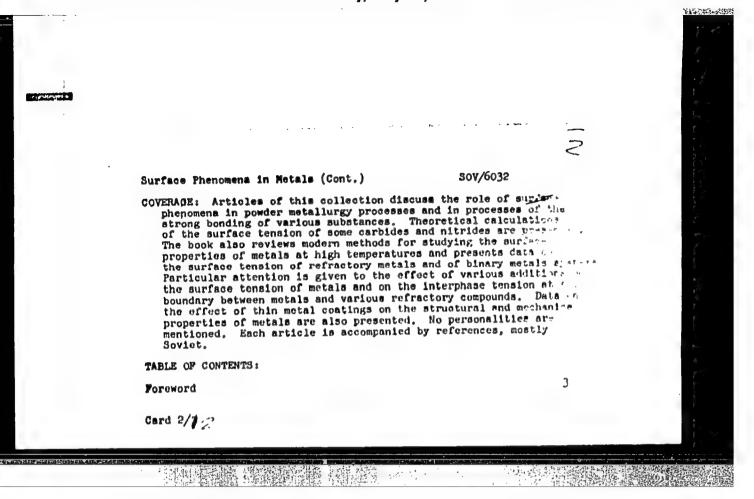
Poverkhnostnyye yavleniya v metallakh i splavakh i ikh rol' v protsessakh poroshkovoy metallurgii (Surface Phenomena in Metals and Alloys and Their Role in Powder-Metallurgy Processes) Kiyev, Izd-vo AN USSR, 1961. 213 p. 1710 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Institut metallokeramiki i spetsial'nykh splavov.

Ed. of Publishing House: Z. S. Pokrovskaya; Tech. Ed.: A. M. Lisovets.

PURPOSE: This collection of articles is intended for scientific research workers, engineers specializing in metals, and metallurgists. It may also be useful to advanced students at schools of higher education.

Card 1/#



#### "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681

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8/137/61/000/012/066/149 A006/A101

15 2400

Grigor'yeva, V. V., Sereda, N. N.

TITLE:

AUTHORS:

On interaction of titanium carbide with chromium and molybdenum

PERIODICAL:

Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 48. abstract 120336 ("Poroshk. metallurgiya", 1961, no. 2, 48 - 52, English summary)

TiC+Cr+Mo alloys containing 5 to 40% metal binder (the Cr:Mo ratio TEXT: varied from 1:3 to 3:1) were manufactured by hot pressing at 1,900 - 2,100°C and were then annealed at 2,000°C in argon (150 mm Hg pressure) for 3 hours. Metallographic and durometric analyses have shown that the solubility of Mo in Ti is 20 - 22%, and the solubility of Cr 47%. The hardness of carbide grains is raised by dissolving of Cr and reduced by dissolving of Mo. The alloys obtained are distinguished by great hardness at both room and high temperatures (1,100°C); and by brittleness.

[Abstractor's note: Complete translation] R. Andriyevskiy special night splinter AN USSR christit metacioheramike

Card 1/1

s/137/61/000/012/054/149 A006/A101

AUTHOR:

Grigor'yeva...V. V.

TITLE

The Moscow Conference on mechanization and automation of sintered

carbide production

PERIODICAL: Referativny; shurnal Matallurgiya, no. 12, 1961, 42, abstract

120297 ("Poroshk, metallurgiya, 1961, no. 2, 116)

TEXT: Information is given on a Conference that was organized in Moscow in Navember 1960 by the Combine of Sintered Carbide. Reports were delivered on: automatic lines of carbide production; new type vibrating acreens, granulators, and mixers; continuous crushing in vibration mills, etc. The equipment has already been partially manufactured and is being successfully utilized at the Combine; some devices, such as furmaces and vibration mills, have as yet not been tested.

R. Andriyevskiy

[Abstracter's note: Complete translation]

Gard 1/1

#### "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681

S/226/62/000/003/012/014 1003/1203

**AUTHOR:** 

Grigor'yeva, V. V. and Artamonov, A. Ya.

TITLE:

Chromium carbide hard alloys for drawing dies

PERIODICAL:

Poroshkovaya metallurgiya, no. 3, 1962, 86-88

TEXT. The friction coefficient of a chromium carbide-base hard alloy when compared with those of hardened and tempered Y8A (U8A) and P18 (R18) alloy steels and with BK-15 (VK-15) hard alloys shows that the U8A and R18 steels are less suitable for the manufacturing of drawing dies than a chromium carbide-base powder alloy. The suitability of the latter for drawing dies was confirmed by tests, which showed that the durability of dies made of this material is 40-50 times that of carbon steel, and differs little from that of drawing dies made of the BK-8 (VK-8) hard alloy. The new sintered chromium carbide-base alloys can be recommended for all cases of drawing without lubricants, when pressures do not exceed 600-650 kg/mm<sup>2</sup>. There are 2 figures.

ASSOCIATION: Institut metallokeramiki i spetsial'nykh splavov AN USSR (Institut of Powder Metallurgy

and special Alloys AS UkrSSR)

SUBMITTED:

January 29, 1962

Card 1/1

GRIGOR'YEVA, V.V.

Seminar in Moscow on activated sintering. Porositate 2
no.1:101 Ja-F '62. (MIRA 15:8)

(Powder metallurgy—Congresses)

Complex compounds of vanadyl with trihydroxyglutaric acid.

Zhur.neorg.khim. 7 no.9:2140-2148 S 162. (MIRA 15:9)

(Vanadium compounds) (Glutaric acid)

GRIGOR'YEVA, V.V.

Erosion resistance of hard alloys. Porosh.met. 3 no.3:63-70 My-Je '63. (MIRA 17:3)

1. Institut metallokeramiki i spetsial'nykh splavov AN UkrSSR.

8/0226/64/000/001/0077/0080

AP4015269 ACCESSION NR:

AUTHOR: Grigor'yova, V. V.; Dubinin, V. P.; Sergeyenkova, V. M.; Censyuk, V. V.

TITLE: Rupture strength of a hard chronium carbide alloy

SOURCE: Porochkovaya metallurgiya, no. 1, 1964, 77-80

TOPIC 1963: sermet, cermet rupture strength, chromium carbide alloy, chromium carvide middle normal, retructory alloy, refractory cormet, chronium carbide, alloy rupture strangth

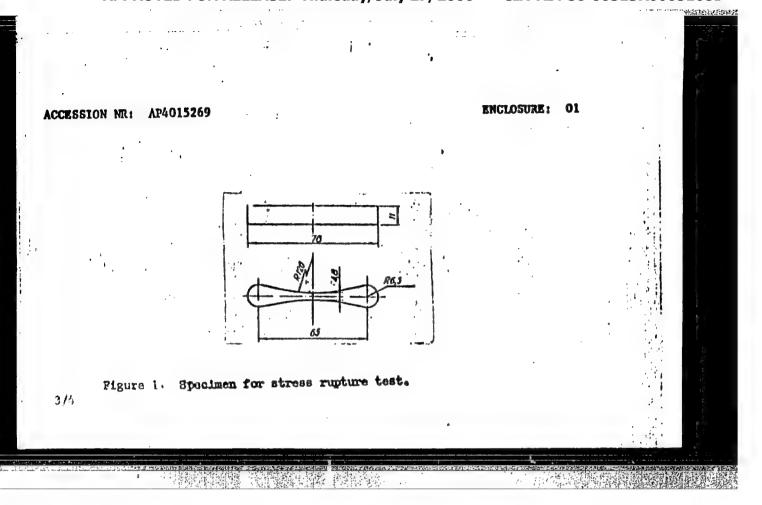
ABOUTHOUT Jornal specimens (Fig. 1 of Enclosure) containing 87% chromium car-1910) and 19th nickel were compacted from powders and sintered in hydrogen at 1573K, then subjected to stress rupture tests at 1073 and 1173K for 100 hours. Foother plotted good Coally (Fig. 2 of Enclosure) are compared with data for the heat resistant alloy Thorn and indicate a substantial difference in rupture strong to us the two sectorials at 1073K, which decreases as the temperature is ingrand to Mark. O. A. art. has: 3 figures and 1 table.

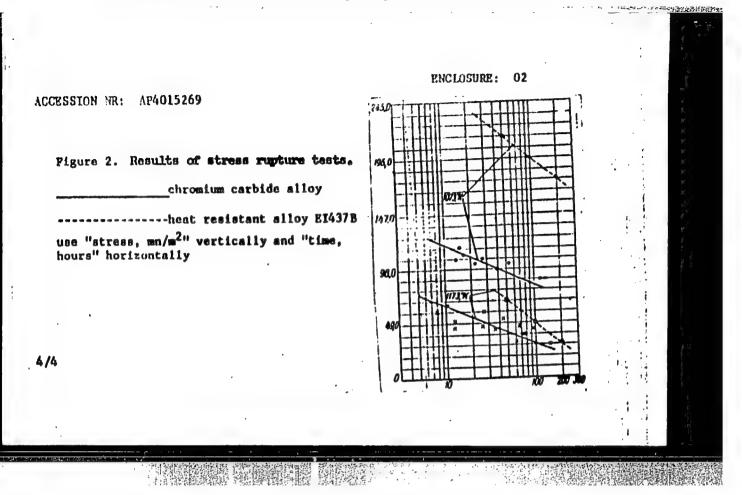
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## "APPROVED FOR RELEASE: Thursday, July 27, 2000

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AR5015162 EMP(c)/EMP(t) Pt-4/ UR/0137/65/000/005/G034/G034 1-57722-65 ACCESSION NR: Ref. zh. Metallurgiya, Abs. 50201 SOURCE: AUTHOR: Grigor'yeva, V. Y.; Sergeyenkova, V. M. TITLE: Hardening of metals with oxides CITED SOURCE: Tr. 7 Vses. nauchno-tekhn. konferentsii po poroshk. metallurgii. Yerevan, 1964, 220-224. hardening method, metal hardness, oxide, nickel, powder metal, TOPIC TAGS: aluminum oxide, aluminum hydroxide, nickel oxide, microstructure, inclusion TRANSLATION: The properties of nickel hardened with dispersed inclusions of Al<sub>2</sub>O<sub>3</sub> were investigated. The inclusions of Al<sub>2</sub>O<sub>3</sub> were introduced into nickel powder by mechanical mixing of the powder and precipitation of aluminum hydroxide. Mechanical mixing of nickel powder with a particle size of 40 microns with Al<sub>3</sub>O<sub>2</sub> powder was carried out for 50 hrs. The mixtures were dried at 120-170° and reddeed in a hydrogen atmosphere at 400° for 6 hrs. The aluminum hydroxide precipitated nickel oxide in the powder. The mixture was also dried and reduced. The mixtures obtained contained 1, 3, 5 and 10% Algoq. Pressed briquets were Card 1/2

L-57722-65

ACCESSION NR: AR5015162

sintered in a vacuum for 1 hr at 1200-1400° and worked at 1000° with a reduction of 85%. With the mechanical method of introduction, the Al<sub>2</sub>O<sub>3</sub> inclusions were present in the samples in the form of the alpha modification, while with precipitation of aluminum hydroxide, they were present in the form of the gamma modification. During the sintering period the size of the Al<sub>2</sub>O<sub>3</sub> particles increased. Under hot working with pressure, pulverization of the dispersed particles took place. In sintered samples, the Al<sub>2</sub>O<sub>3</sub> particles were located at the boundaries of the nickel grains. In pressure working, redistribution of the oxide particles took place. An increase in the content of Al<sub>2</sub>O<sub>3</sub> inclusions was accompanied by almost no increase in hardness of the alloy. Alloys with high mechanical properties were obtained from mechanical mixtures of nickel powders and NiO·Al<sub>2</sub>O<sub>3</sub> spinels, after sintering at 1300°. In this case, no change took place in the particle size of the Al<sub>2</sub>O<sub>3</sub> particles in the sintering process. V. Shelamov.

SUB CODE: MM

ENCL: 00

Card 2/2

GRIGOR'YEVA, V.V.; KONDRATYUK, S. Ye.

Trihydroxyglutarate complexes of vanadium (III). Zhur. neorg.
khim. 9 no.11:2578-2584 N '64 (MIRA 18:1)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

L 2099-65 EWP(e)/EWT(m)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) LIP(c) JD/FW
ACCESSION NR: AP5022547 UR/0226/65/000/009/0001/0090

AUTHOR: Grigor'yeva, V. V.; Savitskiy, K. V.; Zhdanova, Y. N.; Kulikov, V. A.;
Sergeyenkova, V. M.; Savitskiy, A. P.; Itin, V. I.; Kozlov, Yu. I.

TITLE: Resistance to deformation and stability of deformation-induced distortions of sintered powder alloys

SOURCE: Poroshkovaya metallurgiya, no. 9, 1965, 81-90

TOPIC TAGS: sintered nickel alloy, aluminum oxide containing alloy, dispersion strengthened alloy, alloy deformation resistance, deformation induced distortion, distortion stability, alloy microhardness

ABSTRACT, Compacts of powders of pure nickel and nickel with 1, 3, and 5% of a-Al203 or y-Al203 were sintered at 1200—1400C in a hydrogen atmosphere and tested for pompressive strength under compression at a rate of 0.15 mm/min with a reduc-

ABSTRACT, Compacts of powders of pure nickel and nickel with 1, 3, and 5% of a-Al<sub>2</sub>O<sub>3</sub> or  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> were sintered at 1200—1400C in a hydrogen atmosphere and tested for rompressive strength under compression at a rate of 0.15 mm/min with a reduction of up to 30% at 20 and 500C. The stability of deformation-induced distortions was investigated by measurements of the microhardness of specimens vacuum annealed in the 200—1050C range. The room-temperature compressive strength of sintered nickel alloys with up to 5% Al<sub>2</sub>O<sub>3</sub> was slightly higher than that of pure sintered nickel, and the difference was somewhat greater at 500C. At both test temperatures,

**Card** 1/3

J. 2099-66

ACCESSION NR: AP5022547

the compressive strength was higher in alloys containing  $\alpha$ -Al $_2$ O $_3$  and slightly increased in all alloys as the Al2O3 concentration increased. The size of Al2O3 particles had practically no effect on the room-temperature compressive strength, but at 500C the compressive strength of alloys increased appreciably as the particle size of Al203 decreased from 2 to 1 u. The type of Al203 modification had the most sharply pronounced effect on the compressive strength. For example, an alloy with 3%  $\alpha$ -Al<sub>2</sub>O<sub>3</sub> had a compressive strength of about 65 and 36 dan/mm<sup>2</sup> at 20 and 500C, respectively, compared with 58 and 28 dan/mm2, respectively, for an alloy with 3% Y-Al203. Low-temperature annealing (at up to 300-4000) produced an equally slight increase in the hardness of both nickel and Ni-Al203 alloys deformed 30% at 20C. Annealing at temperatures higher than 400C decreased the hardness of sintered nickel and all Ni-Al203 alloys. However, the hardness of cold-deformed Ni-Al203 alloys after high-temperature annealing remained higher than that of identically treated sintered nickel. The hardness level of Ni-Al2O3 alloys increased with higher content and fineness of Al<sub>2</sub>O<sub>3</sub> powder. The maximum softening of Ni and Ni-Y Al203 alloys occurred at the same temperature, while the temperature of maximum softening of Ni-a Al203 alloys was about 1000 higher. The higher temperature stability of the deformation-induced distortions and a higher compressive to see the part of the second

Card 2/3

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ACCESSION NR: AP5022547

strength at room and elevated temperatures favor the use of sintered Ni-a Al<sub>2</sub>O<sub>3</sub>
[MS]

ASSOCIATION: Institut problem materialovedeniya AN UkrSSR (Institute of Problems of the Science of Materials, AN Unresky, Sibirskiy fiziko-tekhnicheskiy institut im. V. D. Kuznetsova (Siberian Physicotechnical Institute)

SUBMITTED: 02Feb65

ENCL: 00

SUB CODE:

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NO REF SOV: 006

OTHER: 014

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SAMSONOV, G.V., otv. red.; GRIGOR'YEVA, V.Y., kand. tekhn. nauk, red.; YEREMENKO, V.N., red.; NAZARCHUK, T.N., kand. khim. nauk, red.; FEDORCHENKO, I.M., akademik, red.; FRANTSEVICH, I.N., akademik, red.; YAROTSKIY, V.D., red.; GILELAKH, V.I., red.

[High-temperature inorganic compounds] Vysokotemperaturnye neorganicheskie soedineniia. Kiev, Naukova dumka, 1965. 471 p. (MIRA 18:12)

- 1. Akademiia nauk URSR, Kiev. Instytut problem materialoznavstva.
- 2. Chlen-korrespondent AN Ukr.SSR (for Yeremenko, Samsonov).
- 3. Akademiya nauk Ukr.SSR (for Fedorchenko, Frantsevich).

ACC NR. AP7004394 (A) SOURCE CODE: UR/0226/67/000/001/0031/0036 AUTHOR: Savitskiy, K.V.; Grigor'yeva, V.V.; Kulikov, V.A.; Savitskiy, A.P.: Sergeyenkova, V.M. ORG: Siberian Physicotechnical Institute im. V.D. Kuznetsov (Sibirskiy fiziko-technicheskiy institut) TITLE: Investigation of the properties of extruded nickel-aluminum oxide alloy SOURCE: Poroshkovaya metallurgiya, no. 1, 1967, 31-36 TOPIC TAGS: nickel alloy, dispersion strongiles and nickel alloy, alumbum oxide containing aller middle powder metal sintering, powder metal compaction, metal extrusion, grain growth, porosity ABSTRACT: A mixture of metallic nickel and various amounts of aluminum oxide powders (1-5%) was compacted under a pressure of 15 kg/cm<sup>2</sup> into billets 25 mm in diameter and 35 mm long. One group of billets was sintered in hydrogen atmosphere at 1000°C for 2-3 hr and extruded into bars 10 mm in diameter. Another group was sintered at 1300°C without subsequent extrusion. Specimens, 6.5 mm in diameter and 10.5 mm in length, cut from the billets, were annealed at 700°C for 2 hr. It was found that alloying with aluminum oxide Cord UDC: none 中国的特殊。1955年,1967年

prevents grain growth. Extruded specimens, however, had a finer grain and block structure and higher density than sintered billets. Sintered specimens containing 1% aluminum oxide retained up to 6% of their porosity, while the porosity of extruded specimens was practically nil. Alloying with aluminum oxide also increased the compression strength, particularly

in the case of extruded alloys. For instance, the deformation pressure for 10% reduction of extruded powdered circle specimens was 28 kg/mm<sup>2</sup>, that for sintered nickel alloy specimens (containing 3% Al<sub>2</sub>O<sub>3</sub>) was 43 kg/mm<sup>2</sup>, and that for extruded alloy specimens of the same composition was

54.5 kg/m2. Orig. art. has: 2 figures and 3 tables.

SUB CODE: 11/ SUBM DATE: Dhaug66/ ORIG REF: 008/ OTE REF: 001

Card 2/2

ACC NR

AP7004394

BOGDANOV, N.N., kend.tekhn.nauk; VORONA, D.A., inzh.; GALYNKER, I.S., doktor tekhn.nauk; GAMBURG, D.Yu., kend.khim.nauk; GRIGOR'YEVA, Ye.A., inzh.; ZYKOVA, V.P., inzh.; RYABTSEV, I.I., kand.tekhn.nauk; SERGEYEV, B.F., kend.tekhn.nauk; STANKEVICH, P.I., kand.tekhn.nauk; LARIONOV, G.Ye., tekhn.red.

[Gasification of milled pent] Gazifikatsiia frezernogo torfa.

Moskva, Gos.energ.izd-vo. 1959. 119 p. (MIRA 13:3)

(Peat gasification)

GRIBOR'YEVA, Te. A.

"The Mixed Problem for a Parabolic System of Equations." Cand Phys-Eath Sci, Mathematics Inst imeni V. A. Steklov, Acad Sci USSR, Moscow 1951. (KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at UCCA Higher Educational Institutions (16).

GRIGOR'YEVA, Ye.A.; VORONA, D.A.

Changes in the fractional composition of the solid phase in a unit for the heat treatment of milled peat with a solid heat-transfer agent.

Energotekh. ispol'. topl. no.2:153-159 '62. (MIRA 16:5)

(Peat--Drying)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

Grigor'yeva, Ym.A. AUTHOR:

20-119-4-6/59

TITLE:

The Straight-Line Method in Mixed Problems for Parabolic Sys-

tems (Metod pryamykh v smeshannykh zadachakh dlya paraboli-

cheskikh sistem)

Doklady Akademii Nauk 1958, Vol 119, Nr 4, pp 648-651 (USSR)

PERIODICAL:

Let the system of equations

ABSTRACT:

$$\frac{\partial u_1}{\partial t} = a_1 \frac{\partial^2 u_1}{\partial x^2}$$
  $i = 1, 2, ..., n$ 

be solved for homogeneous or inhomogeneous boundary value conditions of different kind by the set up

$$\frac{\partial u_i}{\partial t} = \frac{u_i(x,t) - u_i(x,t-h)}{h}$$

and then by the solution of ordinary equations. On the boundary one obtains a system of algebraic equations with a matrix which is decomposed into triangular matrices. The author proves that the limit passage from this linear algebraic system to Volterra integral equations is justified.

Card 1/2

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681(

The Straight-Line Method in Mixed Problems for Parabolic 20-119-4-6/59 Systems

The uniform convergence of the difference operator to the integral operator is not directly proved, but it is concluded indirectly over an integral operator in the sense of Sobolev [Ref 1]. There is 1 Soviet reference.

ASSOCIATION: Matematicheskiy institut imeni V.A. Steklova Akademii Nauk

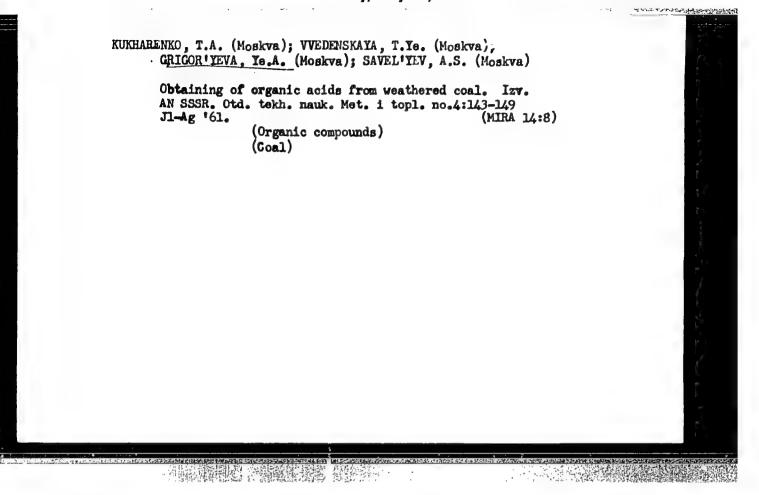
SSSR (Mathematical Institute imeni V.A. Steklov of the

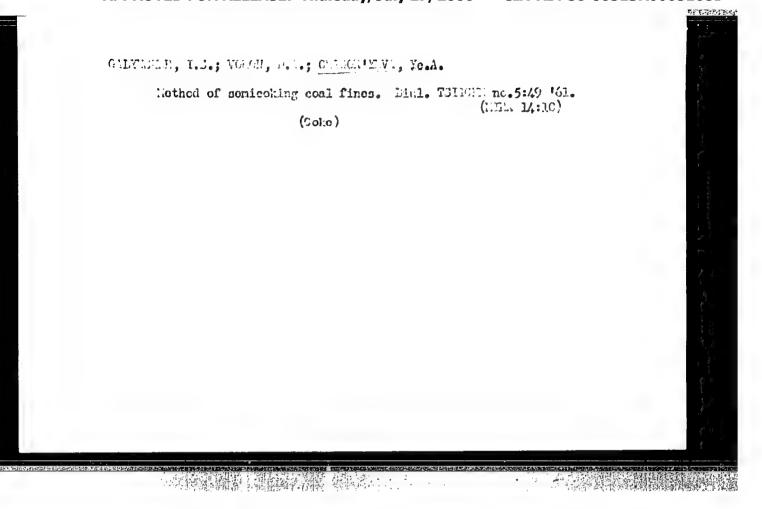
Academy of Sciences of the USSR

PRESENTED: July 1, 1957, by S.L. Sobolev, Academician

SUBMITTED: June 16, 1957

Card 2/2





COLUMEVA, M.S.; BERGMAN, A.G.; CRICOR'YEVA, Ye.A.

Ternary reciprocal systems consisting of: 1) potassium and socium acetates and thiosulfates, and 2) thiogranater and thiosulfates of the same metals. Uch.zap. RGU 41:145-154 '58. (MIRA 15:1) (Systems (Chemistry))

ZAKHAROV, S.V.; CRIGOR'YEVA, Ye.A.; YAKOVLEVA, L.A.

Effect of the intravenous and subcutaneous administration of royal jelly on glycemic changes in and glucose consumption

by the brain. Inform.biul. o mat.moloch. no.3:3-7 162.
(MIRA 16:2)

l. Kafedra biokhimii (zav. prof. S.V. Zakharov) Yaroslavskogo meditsinskogo instituta (dir. prof. N.Ye. Yarygin). (ROYAL JELLY-PHYSIOLOGICAL EFFECT) (ERAIN) (GLUCOSE METABOLISM)

## "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681

"Calculation of thermal neutrons utilization scefficient in select with complex fuel elements."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva, 31 Aug.-) Sep 64.

#### "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681

BOGACHEVA, K.I.; BYCHKOVA, Z.N.; SHILINA, R.F.; YAKUSHEVA, Ye.F.;

GRIGOR! YEVA, Ye.F.

Better methods for manufacturing psoudoionone. Trudy VNIISNE

Better methods for manufacturing psoudoionone. Trudy VNIISNDV no.5:112-113 '61. (MIRA 14:10)

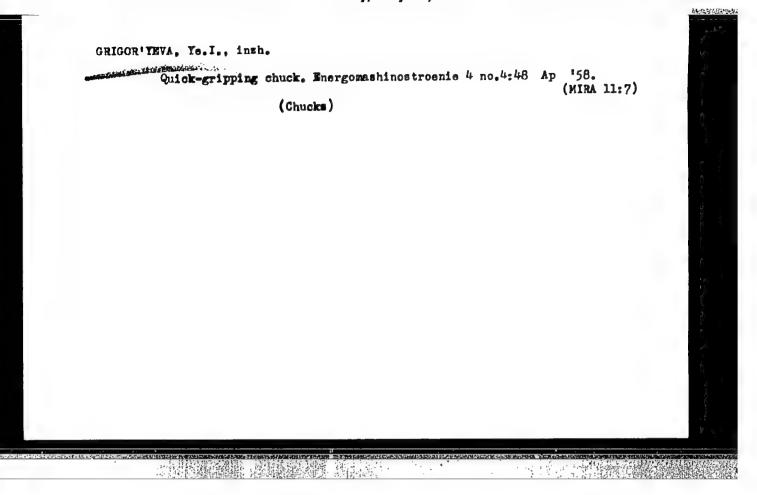
GRIGOR YEVA, Ye. I.

"The causes of serious spring floods and their repetition on the on the Tobol, Tura, and Irtysh rivers in the southern portion of Tyumen' Oblast." Inst of Geography, Acad Sci USSR. Moscow, 1956. (Dissertation for the Degree of Candidate in Geographical Sciences).

SO: Knizhnaya letopis', No. 16, 1956

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681(

# "APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681



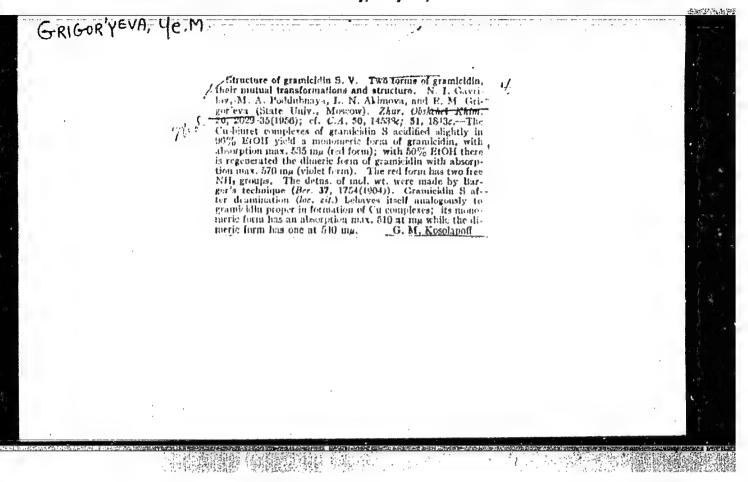
## "APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051681

WITIOUSKAYA, A.N.; GRIGOR'YEVA, Ye.M.

Reconstructive surgery of the stumps of lower extremities in children.
Ortop., travm. protex. 17 no.5:16-20 S-0 '56. (MIRA 10:1)

1. Is detakey kliniki (zav. - doktor meditsinskikh nauk L.Ye.
Rukhman) Leningredakogo nauchno-isaledovatel'skogo instituta protesirovaniya (dir. - prof. F.A.Kopylov)

(AMPUTATION STUMPS, in inf. and child
reconstruction surg. of leg stumps)



ORIGORIYEVA, Ye.M.

Histological changes in the muscles of the lower extremities in children with Little's disease. Ortop. travm. i protes. 21 no. 9:10-13 S '60. (MIRA 13:12)

l. Is detskoy kliniki (sav. - doktor med. nauk L.Ye. Rukhman)
Leningradskogo nauchmo-issledovatel'skogo instituta protezirovaniya
(dir. - dotsent M.V. Strukov).

(CEREBRAL PALSY) (MUSCLES)

## "APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051681

GRIGOR'YEVA, Ye.M.

Prosthesis for children with Little's disease. Ortop., travm.

1 protez. no.5:39-44 '61. (MIRA 14:8)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta protezirovaniya (dir. - dotsent M.V. Strukov, zav. klinikoy - d-r med.nauk L.Ye. Rukhman). (PARALYSIS, SPASTIC) (PROSTHESIS)

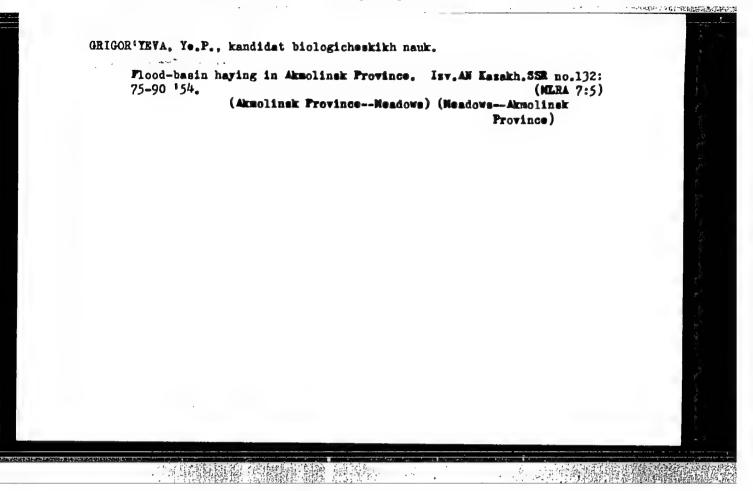
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Frequency of high spring floods on the Tura, Tobol, and Irtysh Rivers from 1851 through 1950. Isv.AF SSSR Ser.geog.no.1:89-90 J6-F '56 (MERA 9:7)

1.Tyumenskiy pedagegicheskiy institut.
(Tura River-Floods) (Tebol River-Floods) (Irtysh River-Floods)

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· 自由集團等等。



BOK, I.I.; BARBOT de MARNI, A.V.; VISLOGUZOVA, A.V.; GALIYEV, M.S.;
LI, A.B.; LOMONOVICH, M.I.; YAKOVENKO, Z.V.; ASSING, I.I.;
NURMANGALIYEV, A.B.; SOKOLOV, S.I.; GRICOR! YEVA, Ye.P.;
SEROV, N.P.; LEONOV, G.M.; ZAKHAROV, B.S.; ZAGRINOV, V.I.;
BOROVSKIY, V.M.; LITVINOVA, A.A.; POGREBINSKIY, M.A.;
NASONOVA, O.M.; KHAYDAROV, R.M.; SUVOROVA, R.I., red.;
ALFEROVA, P.F., tekhn. red.

[Ili Valley, its nature and resources] Iliiskaia dolina, ee priroda i resursy. Pod obshchei red. M.I.Lomonovicha. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 338 p. (MIRA 16:8)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut geologicheskikh nauk. 2. Nauchnyye sotrudniki Instituta geologicheskikh nauk AN KazSIR (for Bok, Barbot de Marni, Visloguzova,
Galiyev, Li, Lomonovich, Yakovenko). 3. Institut pochvovedeniya
AN KazSSR (for Assing, Nurmangaliyev, Sokolov, Borovskiy,
Litvimova, Pogrebinskiy). 4. Institut botaniki AN KazSSR (for
Grigor'yava, Nasonova). 5. Institut zoologii AN KazSSR (for
Serov). 6. Kazakhskiy politekhnicheskiy institut (for Leonov).
7. Ministerstvo sel'skogo khozyaystva KazSSR (for Zakharov).
8. Kazanskiy filial Instituta "Gidroproyekt" im. S.Ya.Zhuka
(for Khaydarov).

(Ili Valley--Physical geography)

PROSTAKOVA, T.N., zavedujushchiya otdelom; ORIGOR'YEVA, Ye.V., zavedujushchiya stantsiyey.

Two cases of rat hymenolepiasis in children. Med.paraz.i paraz.bol. no.3: 278-279 My-Je 153. (MLRA 6:8)

1. Gelimintologicheskiy otdel Osipenkovskoy gorodskoy protivomalyariynoy stantsii. (Worms, Intestinal and parasitic)

(MIRA 16:12)

BAGROV, M.I.; GRIGOR'YEVA, Yu.D. (Lipetsk)

Primary fibrosarcoma of the heart. Vrach. delo no.11:131-133

1. Tret'ya gorodskaya bol'nitsa, Lipetsk.

ORIOCR'YEV, Z.E., kandidst mediteinskikh nauk

Ways of decreasing morbidity in factories producing liquid fuel.

Gig. i san. 21 no.10;44-46 0 °56. (MIRA 9:11)

1. Is Mauchno-issledovatel'skogo instituts gigiyeny truds i prefessional'nykh sabolevanty (Loningrad)

(IMDUSTRIAL HTOISEE

prev. of occup. dis. in liquid fuel factories)

FIXH, B.M., kond.istor.nauk; ARZMAYNVA, L.V.; BARSHOYAH, M.V., kond.
istor.nauk; QOLUB, I.P.; GRIGOR'YEVA, Z.G., kond.istor.nauk;
MARASH, Je.N., kond.istor.nauk; MARKOYSKII, D.S., kond.
istor.nauk; PESTRAK, F.S.; QOLUBTSOVA, P., red.; SLAVYAHIH, I.,
tekhn.red.

[Grodno; historical study] Grodno; istoricheskii ocherk. Minsk,
Gos.izd-vo BSSR, Red.sotsial'no-ekon.ilt-ry, 1960. 150 p.
(MIRA 14:3)

(Grodno--History) (Grodno--Economic conditions)

#### GRIGOR'YEVA, Z.N.

Some immunological indices in the leukopenic form of acute leukosis.

Probl. genat. i perel. krovi no.3:8-10 65.

(MIRA 18:10)

1. Otdel klinicheskoy gematologii (zav. - prof. D.N. Yanovskiy) Ukrainskogo nauchno-issladovatel skogo instituta klinicheskoy meditsiny imeni N.D. Strazhesko (direktor - prof. A. L. Mikhnev), Kiyev.

OBRAM, Yu.K.; GRIGOR'YEVA, Z.V.

High-precision magnetoelectric laboratory instruments supported with braces. Ism.tekh. no.2:39-42 F '61. (MIRA 14:2)

(Laboratories—Apparatus and supplies)

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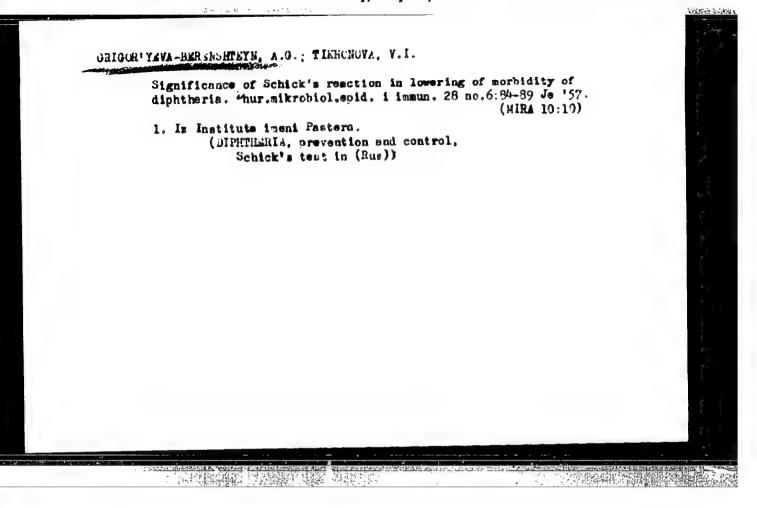
30994. ORIGOR\*YEVA-BERENSHTEYN, A. G., DONSKAYA, R. B., AND BELAYA, O. D.

Obrazovanie agelyutininov pri peroral'nom vvedenii sykhogo i zhid kogo dizenteriynogo bakteriofagov. Sbornik nauch. Trudov (Kazansk, in-t epidemiologii i mikrobiologii), vyp. 1, 1949 na obl: 1948, s. 159-68

# ORIGOR YEVA-BERENSHTEYN, A.G.

Repeated scarlet fever in Leningrad during 1951-1954. Zhur.micro-biol.epid. i immun. 27 no.4:82 Ap \*56. (MLRA 9:7)

1. Is Leningradskoy gorodskoy desinfektsionnoy stantsii i is Instituta imeni Pastera. (LENINGRAD--SCARLET FEVER)



ORIGOR'IEVA-BERENSHTEIN, A.G.; EUDYAKOVA, L.I.; TER-OSIPOVA, M.Z.; EHABAS, I.M.

Immunological effectiveness of purified diphtherial anatoxin adsorbed on aluminum phosphate. Zhur.mikrobiol., epid.i immun. 30 no.11:48-50 W \*59. (MIRA 13:3)

1. Is Leningradskogo instituta vaktsin i syvorotok. (DIFHTHERIA immunel.) (TOXINS AED ANTITOXINS)

ORIGAR YEVA-BERLISHTEYN, A. G., (Candidate of Medical Sciences, Lieutenant Colonel of the Medical Service); KARAPETYAN, A. YE., (Candidate of Medical Sciences); SHCHERBAKOV, I. F., (Lieutenant Colonel of the Medical Service); CHIRKOVA, O. O.; and ZASYPKIN, V. YA., (First Lieutenant of the Medical Service)

"The Effectiveness of Immunization with Live Humps Vaccine in a Focus of Infection"

Voyenno-Meditsinskiv Zhurnal, No. 12, December 1901, pp 62-73

计图片记录 计图象程序 医环状

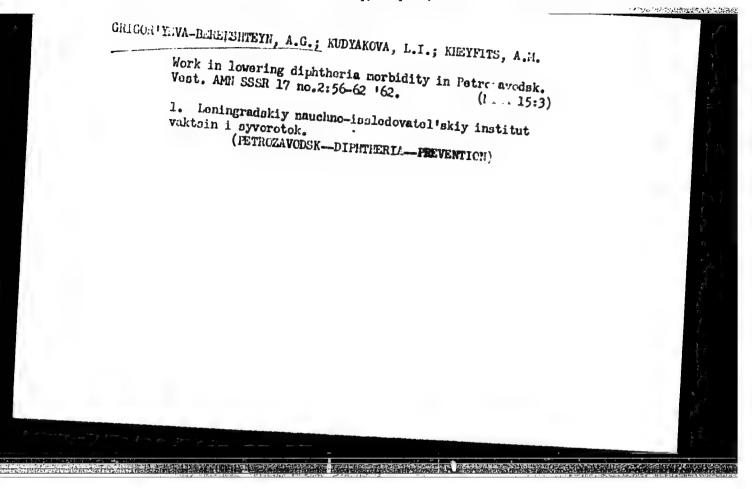
PRIDMAN, E.A.; GRIGOR'YEVA-HERENSHTEYN, A.G.; STENINA, Ye.S.; KUDYAKOVA, L.I.; FILIPPOVA, G.D.; BOLDASOV, V.K.

Remunological evaluation of the effectiveness of anti-influenza vaccination in 1958-1959 \*61. Trudy Len.inst.epid.i mikrobiol. (MIRA 16:2)

1. Iz laboratorii grippa (zav. E.A. Fridman) Leningradskogo instituta epidemiologii i mikrobiologii imeni Pastera i otdela epidemiologii (zav. A.G. Grigor'yeva-Berenshteyn) Meningradskogo nauchno-issledovatel'skogo instituta vaktsin i syvorotok.

(INFLUENZA--PREVENTIVE INOCULATION) (INFUNITY)

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GRIGOR'YEVA-BERENSHTEYN, A.G.; NIKUL'NIKOVA, N.S.; UGLOVA, T.V. SHEVCHENKO, V.I.

Characteristics of polyvaccine. Report No.1: Reactivity of polyvaccine according to data of observations on a limited number of persons. Zhur. mikrobiol., epid. i immun. 33 (MIRA 17:1)

1. Iz Leningradskogo instituta vaktsin i syvorotok.

海豹 心 横浪 连联 对约尔

医电影的 医二乙基 的现在分词 医电影电影 医多种

UGLOVA, T.V; NIKUL'NIKOVA, N.S.; GRIGOR'YEVA-BERENSHTEYN, A.G.

Characteristics of polyvaccine. Report No.2: The immunological characteristics of polyvaccine according to data from observations on volunteers. Zhur. microbiol., epid. i immun. 33 no.12: 59-65 D'62. (MIRA 16:5)

1. Iz Leningradskogo instituta vaktsin i syvorotok.

(VACCINES) (TYPHOID FEVER PREVENTIVE INOCULATION)

(DYSENTERY—PREVENTIVE INOCULATION)

BOGOPOL'SKIY, S.N.; GOLOUSHIN, N.S.; GRIGOR'YEVYKH, G.F.; LEVIN, L.Ya.; SMIRNOV, Yu.P.; TKACHEV, V.V.; CHISTYAKOV, V.I.; SHOLENINOV, V.M.; SHUR, A.B.; LOVETSKIY, L.V.

Partial replacement of coke breeze in the sinter charge by peat coke. Stal' 23 no.9:781-785 S '63. (MIRA 16:10)

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TKACHEV, V.V., inzh.; SHOIENINOV, V.M., inzh.; Prinimeli derastiye;
KONSTANTINOV, V.G.; IVVIN, I.Za.; GRIGGE YEVYLU, G.F.;
ZAKHAROV, V.N.; ZHDAMOV, I.A.; PUZAMOV, H.A.; SUBBUCV, V.I.;
VASILYEV, A.N.; ZHELTHAYA, F.T.; TUGARINOVA, Ye f.; LEVKIN,
A.S.; MOKIYEVSKIY, N.M.; SHAKHALOV, V.; SMIRNOV, A.1.

Developing the technology of producing a high-basicity open-hearth sinter. Stall 25 no.8:683-686 Ag 165.

1. Cherepovetskiy metallurgicheckiy zavod (for throney,

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GORSKIY, Anatoliy Arkad'yevich; GRIGOR'YEVICH, Konstantin Konstantinovich; YURIN, B.A., red.; IGNAT'YEV, V.A., tekhn. red.

[Trade unions, science and production]Profsoiuzy, nauka, proizvodstvo. Moskva, Profizdat, 1962. 78 p. (MIRA 15:11)
(Leningrad—Trade unions)
(Leningrad—Research, Industrial)

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GRIGOR'YEVICH, M.B.; RAMZES, B.Ya., nauchn. red.; NISNEVICH, M.L., nauchn. red.; KRYZHANOVSKIY, V.A., red.izd-va; SHMAKOVA, T.M., tekhn. red.

[Industry's requirements as to the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gosgeoltekhizdat. No.74. [Agregates in concrete] Zapolniteli betona. 1963. 62 p. (MIRA 16:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Concrete)